	Positive Pole Mixture			Negative Pole Mixture			Electro-lyte	Gasket	Separator	Reflow Characteristics		Cycle Characteristics	
	Active Material	Oil Repellent Material	Addition Method of Oil Repellent Material	Active Material	Oil Repellent Material	Addition Method of Oil Repellent Material				Inflation	Internal Resistance Ω	1.8V Cut	Super-discharge
Example 1	$Li_4Mn_5O_{12}$	PTFE	The dispersion liquid is sprayed on the active material powder	SiO	none	-	GBL/EC	PPS	Glass Fiber	++	++	++	+
Example 2	$Li_4Mn_5O_{12}$	PTFE	The dispersion liquid is sprayed on the active material powder	SiO	PTFE	The dispersion liquid is sprayed on the active material powder	GBL/EC	PPS	Glass Fiber	++	+	++	+
Example 3	$Li_4Mn_5O_{12}$	PTFE	The active material powder is charged in the dispersion liquid and then dried	SiO	None	-	GBL/EC	PPS	Glass Fiber	++	+	++	+
Example 4	$Li_4Mn_5O_{12}$	PVDF	The active material powder and the PVDF fine powder	SiO	None	-	GBL/EC	PPS	Glass Fiber	++	+	+	+
Example 5	$Li_4Mn_5O_{12}$	PTFE	The dispersion liquid is sprayed on the active material powder	SiO	None	-	GBL/EC	PEEK	PPS	++	v	++	+
Example 6	$LiCoO_2$	PTFE	The dispersion liquid is sprayed on the active material powder	Li-Al	None	-	GBL/EC	PPS	PPS	++	++	++	±
Compa-rative Example 1	$Li_4Mn_5O_{12}$	None	-	SiO	None	-	GBL/EC	PPS	Glass Fiber	-	-	-	-

Table 1